```
SSSSSSSS    AAAAAA    TTTTTTTTTT    SSSSSSSS   UU       UU   TTTTTTTTTT       11              11
SSSSSSSS    AAAAAA    TTTTTTTTTT    SSSSSSSS   UU       UU   TTTTTTTTTT       11              11
SS          AA    AA      TT        SS         UU       UU       TT         1111            1111
SS          AA    AA      TT        SS         UU       UU       TT         1111            1111
SS          AA    AA      TT        SS         UU       UU       TT           11              11
SSSSSS      AA    AA      TT        SSSSSS     UU       UU       TT           11              11
SSSSSS      AA    AA      TT        SSSSSS     UU       UU       TT           11              11
     SS     AAAAAAAAAA    TT             SS    UU       UU       TT           11              11
     SS     AAAAAAAAAA    TT             SS    UU       UU       TT           11              11
     SS     AA    AA      TT             SS    UU       UU       TT           11              11      ....
     SS     AA    AA      TT             SS    UU       UU       TT           11              11      ....
SSSSSSSS    AA    AA      TT        SSSSSSSS   UUUUUUUUUU        TT         111111          111111    ....
SSSSSSSS    AA    AA      TT        SSSSSSSS   UUUUUUUUUU        TT         111111          111111    ....


LL          IIIIII        SSSSSSSS
LL          IIIIII        SSSSSSSS
LL            II        SS
LL            II        SS
LL            II        SS
LL            II          SSSSSS
LL            II          SSSSSS
LL            II                SS
LL            II                SS
LL            II                SS
LLLLLLLLLL   IIIIII       SSSSSSSS
LLLLLLLLLL   IIIIII       SSSSSSSS
```

SATSUT11
V04-000

SATS SYSTEM SERVICE TESTS

G 3

16-SEP-1984 01:08:37 VAX/VMS Macro V04-00
5-SEP-1984 04:34:43 [UETPSY.SRC]SATSUT11.MAR;1

Page 1
(1)

```
0000      1          .TITLE  SATSUT11         SATS SYSTEM SERVICE TESTS
0000      2          .SBTTL  MACROS DATA
0000      3          .IDENT  'V04-000'
0000      4
0000      5  ;********************************************************************
0000      6  ;*                                                                  *
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0000     23  ;*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.         *
0000     24  ;*                                                                  *
0000     25  ;*                                                                  *
0000     26  ;********************************************************************
0000     27
```

SATSUT11
V04-000

SATS SYSTEM SERVICE TESTS
MACROS, DATA

H 3

16-SEP-1984 01:08:37   VAX/VMS Macro V04-00
5-SEP-1984 04:34:43   [UETPSY.SRC]SATSUT11.MAR;1   Page 2 (1)

```
00000000   29           .PSECT  RWDATA,RD,WRT,NOEXE
    0000   30  ; *
    0000   31  ; *    THIS ROUTINE RUNS IN A PROCESS CREATED BY
    0000   32  ; *    A PROCESS RUNNING THE SATSSS56 IMAGE. ITS
    0000   33  ; *    NORMAL STATE IS HIBERNATION. WHEN AWAKENED
    0000   34  ; *    BY THE CREATING PROCESS, IT SETS ALL EVENT
    0000   35  ; *    FLAGS IN THE CLUSTER SATSSS56_CLUS; THEN
    0000   36  ; *    IT SIGNALS COMPLETION OF THIS TASK BY
    0000   37  ; *    WRITING A MAILBOX MESSAGE TO THE CREATOR;
    0000   38  ; *    FINALLY, IT RETURNS TO HIBERNATION,
    0000   39  ; *    AWAITING FURTHER REQUESTS.
    0000   40  ; *
    0000   41  CLUS_NAME:      STRING  I,<SATSSS56_CLUS> ; NAME FOR SUBJECT CLUSTER
    0015   42  CREATOR:        STRING  I,<SATSSS565      ; NAME OF CREATING PROCESS
    0025   43  MBXBUFF:        STRING  0,1               ; MAILBOX BUFFER
00000030   002E   44  MBXCHAN:    .BLKW   1              ; MAILBOX CHANNEL NUMBER
    0030   45  MBXNAME:        STRING  I,<SATSSS56_CRE> ; MAILBOX NAME
```

I 3

SATSUT11   SATS SYSTEM SERVICE TESTS   16-SEP-1984 01:08:37 VAX/VMS Macro V04-00   Page   3
V04-000   EXECUTABLE CODE   5-SEP-1984 04:34:43 [UETPSY.SRC]SATSUT11.MAR;1   (1)

```
              0044      47              .SBTTL  EXECUTABLE CODE
           00000000     48              .PSECT  SATSUT11,RD,WRT,EXE
        0000 0000       49  START:  .WORD   0               ; ENTRY MASK
              0002      50  SATSUT11:
              0002      51              $ASSIGN_S DEVNAM=MBXNAME, CHAN=MBXCHAN
              0017      52                              ; ASSIGN MAILBOX TO TALK TO CREATOR
              0017      53  10$:
              0017      54              $HIBER_S                ; SLEEP UNTIL CREATOR HAS WORK
       58  40 8F  9A  001E      55      MOVZBL  #64,R8          ; INIT R8 TO 1ST EFN IN CLUSTER
              0022      56              $ASCEFC_S EFN=R8, NAME=CLUS_NAME ; ASSOC. WITH CREATOR'S SUBJECT CLUSTER
              0035      57  20$:
              0035      58              $SETEF_S EFN=R8         ; SET A FLAG IN THE CLUSTER
FFEF 58  01  005F 8F  3D  003E  59      ACBW    #95,#1,R8,20$   ; GET NEXT FLAG AND LOOP
              0046      60              $DACEFC_S EFN=#64       ; FLAGS ALL SET; DISASSOCIATE
              0053      61              $QIOW_S CHAN=MBXCHAN, FUNC=#IO$_WRITEVBLK, -
              0053      62                      P1=MBXBUFF+8, P2=MBXBUFF ; SIGNAL CREATOR THAT WORK IS DONE
       FF98  31  007C  63      BRW     10$             ; GO SLEEP UNTIL CREATOR CALLS AGAIN
              04  007F  64      RET                     ; RETURN TO SYSTEM
              0080      65              .END    START
```

```
$$$CHARS        == 0000000C
$$$STRINGS      == 00000000
$ST1            =  00000001
CLUS_NAME          00000000 R      01
CREATOR            00000015 R      01
IO$_WRITEVBLK      ********   X    02
MBXBUFF            00000025 R      01
MBXCHAN            0000002E R      01
MBXNAME            00000030 R      01
SATSUT11           00000002 R      02
START              00000000 R      02
SYS$ASCEFC         ********  GX    02
SYS$ASSIGN         ********  GX    02
SYS$DACEFC         ********  GX    02
SYS$HIBER          ********  GX    02
SYS$QIOW           ********  GX    02
SYS$SETEF          ********  GX    02
```

```
                        +-------------------+
                        ! Psect synopsis !
                        +-------------------+
```

PSECT name	Allocation		PSECT No.	Attributes										
. ABS .	00000000 (	0.)	00 (0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE
RWDATA	00000044 (	68.)	01 (1.)	NOPIC	USR	CON	REL	LCL	NOSHR	NOEXE	RD	WRT	NOVEC	BYTE
SATSUT11	00000080 (	128.)	02 (2.)	NOPIC	USR	CON	REL	LCL	NOSHR	EXE	RD	WRT	NOVEC	BYTE

```
                        +---------------------------+
                        ! Performance indicators !
                        +---------------------------+
```

Phase	Page faults	CPU Time	Elapsed Time
Initialization	36	00:00:00.07	00:00:00.28
Command processing	135	00:00:00.69	00:00:02.62
Pass 1	141	00:00:01.26	00:00:04.79
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	34	00:00:00.27	00:00:00.61
Symbol table output	3	00:00:00.02	00:00:00.02
Psect synopsis output	1	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	352	00:00:02.36	00:00:08.37

The working set limit was 1200 pages.
4236 bytes (9 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 17 non-local and 2 local symbols.
65 source lines were read in Pass 1, producing 13 object records in Pass 2.
12 pages of virtual memory were used to define 11 macros.

```
                                +-----------------------------+
                                ! Macro library statistics !
                                +-----------------------------+
```

Macro library name	Macros defined
_255DUA28:[SHRLIB]UETP.MLB;1	1
_255DUA28:[SYS.OBJ]LIB.MLB;1	0
_255DUA28:[SYSLIB]STARLET.MLB;2	10
TOTALS (all libraries)	11

134 GETS were required to define 11 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:SATSUT11/OBJ=OBJ$:SATSUT11 MSRC$:SATSUT11/UPDATE=(ENH$:SATSUT11)+EXECML$/LIB+SHRLIB$:UETP/LIB

SATSUT13
LIS

SUCCOMMON
LIS

SATSUT07
LIS

SATSUT09
LIS

SATSUT11
LIS

UETDR7800
LIS

UETCLIG00
LIS

SATSUT14
LIS

SATSUT10
LIS

SATSUT08
LIS

SATSUT12
LIS